

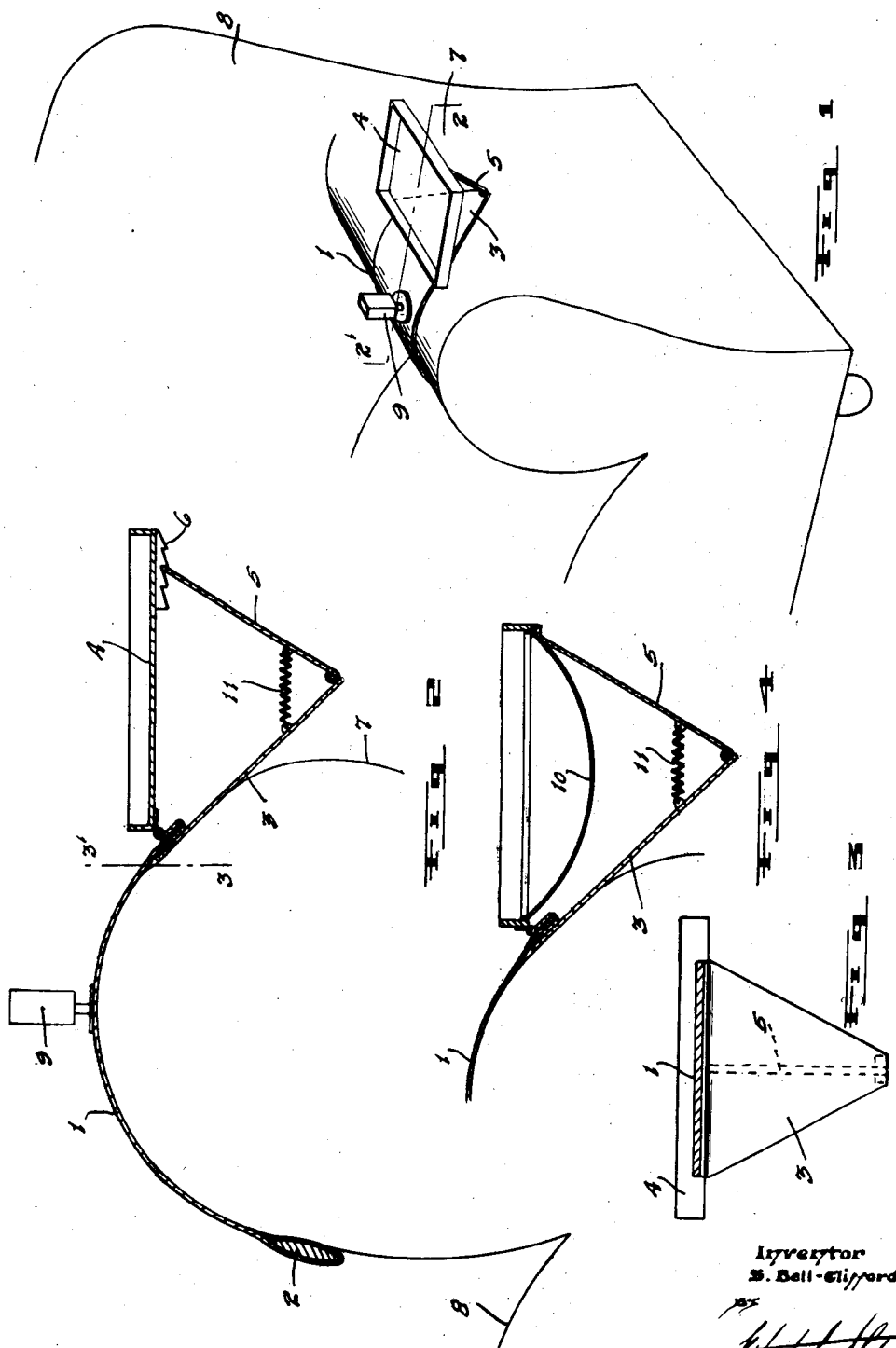
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STRAP SUPPORT FOR CHAIR, DAVENPORT, AND SUCH LIKE ARMS

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STRAP SUPPORT FOR CHAIR, DAVENPORT, AND SUCH LIKE ARMS.

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The invention relates to improvements in strap supports for chair, davenport and such like arms and an object of the invention is to provide a strap support which can be readily thrown over the arm of a chair, davenport or such like and a holder carried by the strap which can be readily adjusted to the horizontal position to carry various articles depending on the design of the holder.

A further object is to construct the device in a simple, durable and inexpensive manner and so that there is no tendency of the same slipping from the arm and such that it can be readily folded when not in use.

With the above more important objects in view, the invention consists essentially in the arrangement and construction of parts hereinafter more particularly described, reference being had to the accompanying drawing, in which:—

Fig. 1 is a perspective view of the device as it appears on the arm of a chair.

Fig. 2 is an enlarged detailed vertical cross sectional view at 2—2' Figure 1 and looking forwardly.

Fig. 3 is a vertical longitudinal sectional view at 3—3' Figure 2 and looking outwardly, the chair arm being removed.

Fig. 4 is a vertical sectional view similar to that shown in Figure 2 with the exception that a basket has been substituted for the tray therein shown.

In the drawing like characters of reference indicate corresponding parts in the several figures.

The present invention relates to a device which can be easily and quickly suspended from the arm of a chair, davenport or such like and will support desired objects within convenient range of the one sitting in the chair or davenport and will also relieve a person of having to hold such articles.

The device embodies a flexible fabric strip 1 such as of velvet which has a comparatively large co-efficient of friction. This strip will be of predetermined length and breadth and will have one edge weighted, such being accomplished by providing a hem and inserting a metal strip 2 therein. The fabric strip is thrown over the arm of a chair or couch in the manner best shown in Figure 1 where it will be observed that the weighted edge of the strip lies on the inner side of the arm and the other edge thereof extends just nicely beyond the uppermost part of the arm.

To the latter edge of the strip I secure a

rigid plate 3 such as of metal, the plate having the upper edge thereof of the same length as the strip and having the ends thereof converging downwardly so that the lower edge is possibly an inch or less wide. Any suitable means can be used for attaching the plate to the fabric strip and I have herein shown the upper edge of the plate as double folded, one of the folds receiving the edge of the strip and being firmly pressed to hold the same. The said folded edge of the plate can be indented if desired to produce a more effective fastening.

To the upper edge of the plate I hinge the inner edge of a substantially rectangular tray or such like holder 4 which is herein shown as substantially square and having a length somewhat greater than the length of the velvet strip. To the lower end of the metal plate I hinge a brace bar 5 and to the under side of the tray I attach a bar which presents a plurality of ratchet like teeth 6, the teeth being designed to engage with the upper end of the brace bar.

The arrangement of the parts is such that when the velvet strip is thrown over the arm of the chair in the manner shown in Figure 1, the plate 3 will take an inclined position substantially at forty-five degrees to the horizontal, such being brought about by the upper part of the plate being positioned in contact with the outer face of the arm 7 of the chair 8. Having so placed the parts, one then lifts the tray and swings the brace bar under the same and into engagement with the teeth and at this time, care is taken to adjust the tray into a substantially horizontal position.

It will be found that a device of this kind is particularly convenient when one is having say afternoon tea, as the usual cup, saucer and plate can be placed on the tray within convenient reach of one sitting in the chair and the user is not inconvenienced by having to hold the cup, saucer and plate as usually occurs where no table or other support is provided. The tray will support a reasonable load as there is no possibility of the velvet strip slipping on the arm due to its high co-efficient of friction and here it might be noted that the bar 2 and the weighted tray jointly act to hold the strip 1 tightly in contact with or wrapped on the face of the chair arm.

I have shown the strip 1 as fitted with a match holder indicated generally by the reference numeral 9.

When the device is not in use, the brace bar can be swung upwardly and the fabric strip, plate and the tray all closed together in a folded position where they take but little room.

In Figure 4 I have shown a work basket 10 substituted for the tray and obviously the basket can be adjusted into a horizontal position and will hold spools, yarn or other sewing material.

In order to insure that the tray or basket may not be accidentally upset, I have provided a light coiled spring 11 extending between the arm 5 and the plate 3 which is in slight tension when the parts are set up. It will be apparent that if nothing were provided to swing the arm 5 inwardly, the tray would upset and spill the material thereon if one should accidentally raise the outer edge of the tray as this would release the arm 5 and permit it to fall down under its own weight. With a spring or such like provided, the arm will be prevented from falling should the edge of the tray be accidentally lifted as will be readily understood.

What I claim as my invention is:—

1. A device of the character described comprising a flexible fabric strip adapted to overlie the arm of a chair and having a high coefficient of friction and having the inner edge thereof weighted, a rigid plate pivotally attached to the outer edge of the strip and engageable with said arm so as to extend angularly downwardly therefrom, a holder having the inner edge pivotally attached to the strip and an adjustable member having the lower end thereof attached pivotally to the lower end of the plate and the upper end thereof engaging the holder to support the same in a substantially outstanding horizontal position.

2. A device of the character described comprising a flexible fabric strip adapted to overlie the arm of a chair and having the inner end thereof weighted, a rigid plate attached to the outer edge of the strip and adapted to contact with the face of the arm so as to extend angularly downwardly and outwardly therefrom, a tray hinged to the upper edge of the plate and an adjustable supporting bar pivotally attached to the lower end of the plate and engaging the tray and holding the tray in a substantially horizontal outstanding position.

3. A device of the character described comprising a flexible fabric strip adapted to over-

lie the arm of a chair and having the inner end thereof weighted, a rigid plate attached to the outer edge of the strip and adapted to contact with the face of the arm so as to extend angularly downwardly and outwardly therefrom, a tray hinged to the upper edge of the plate, an adjustable supporting bar having the lower end secured pivotally to the lower end of the plate and teeth secured to the under side of the tray and engageable with the upper end of the bar.

4. A device of the character described comprising a flexible fabric strip adapted to overlie the arm of a chair and having the inner end thereof weighted, a rigid plate attached to the outer edge of the strip and adapted to contact with the face of said arm so as to extend angularly downwardly and outwardly therefrom, a tray hinged to the upper edge of the plate, an adjustable supporting bar pivotally attached to the lower end of the plate and engaging the tray and holding the tray in a substantially horizontal outstanding position and a spring extending between the bar and the plate.

5. A device of the character described comprising a flexible strip adapted to be draped across the arm of a chair to extend transversely thereof, a weight carried by the inner end of the strip, a holder attached to the outer end of the strip, a rigid base member also attached to the outer end of said strip and adapted to lie against the outer side of said arm and means including said rigid member for supporting the holder in a substantially horizontal position projecting beyond both the outer end of the strip and the outer side of said arm.

6. A device of the character described comprising a flexible strip adapted to be draped across the arm of a chair to extend transversely thereof, an article holder and a substantially rigid base member hinged to an end of the strip so as to project beyond the outer side of the chair arm across which the strip is draped and means for maintaining a definite angular relation between the base member and the article holder so that when the base member is resting in a downwardly inclined position against the outer side of the chair arm the article holder will be supported from the base plate to lie in a substantially horizontal plane.

Signed at Winnipeg, this 9th day of May, 1927.

SIDNEY BELL-CLIFFORD.